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January 22, 2001

Assistant Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Patent Application No.: 09/658,969
*METHODS FOR MODULATING THE ACTIVITY
OF MSH5 (as Amended)*
Inventor: Winfried Edelmann et al.
Filed: September 11, 2000
Our Ref. No.: AHN-001DV2

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Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Information Disclosure Statement;
2. PTO Form 1449; and
3. A Return Postcard.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to:
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Washington, D.C. 20231 on:

Date 1/22/01
Amy E. Mandragouras, Registration Number 36,207

Respectfully submitted,
LAHIVE & COCKFIELD, LLP

Amy E. Mandragouras
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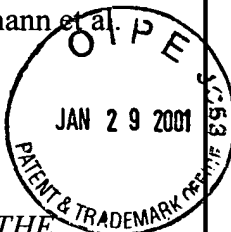
In re the application of: Winfried Edelmann et al.

Serial No.: 09/658,969

Filed: September 11, 2000

For: *METHODS FOR MODULATING THE
ACTIVITY OF MSH5 (as Amended)*

Attorney Docket No.: AHN-001DV2



Group Art Unit: 1646

Examiner:

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By:


Amy E. Mandragouras
Registration No. 36,207
Attorney for Applicants

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants and their attorney are aware of the following patents, publications or other information, which are cited on the attached PTO Form 1449, and in accordance with 37 C.F.R. §1.97 hereby submit these forms for the Examiner's consideration.

The present application is a Divisional Application of U.S. Serial No. 09/469,636, filed December 22, 1999 (Atty. Docket No. AHN-001). All references listed on

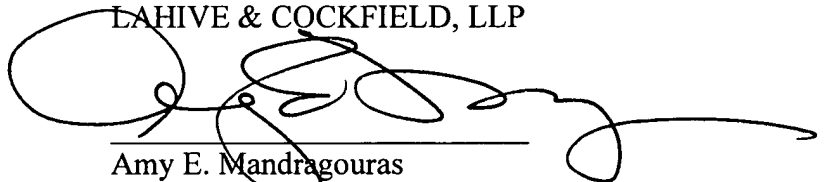
the enclosed PTO Form 1449 have been previously cited by or submitted to the Office in the prior application, and, in accordance with 37 C.F.R. §1.98(d), copies of these references are not enclosed herewith, but will be provided upon request.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, Applicants understand that the Examiner will make an independent evaluation of the cited publications.

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Respectfully submitted,

LAHIVE & COCKFIELD, LLP



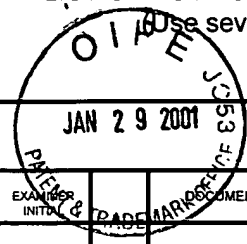
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LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Winfried Edelmann et al.	
		FILING DATE September 11, 2000	GROUP 1646



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
A1	WO 9901550	1/99	PCT			

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

A2	Akiyama Y, et al. "Germ-line mutation of the hMSH6/GTBP gene in an atypical hereditary nonpolyposis colorectal cancer kindred". <i>Cancer Res.</i> 1997 Sep 15;57(18):3920-3;
A3	Bawa S, et al. "A mutation in the MSH5 gene results in alkylation tolerance. " <i>Cancer Res.</i> 1997 Jul 1;57(13):2715-20;
A4	Baker SM, et al. "Involvement of mouse Mlh1 in DNA mismatch repair and meiotic crossing over." <i>Nat Genet.</i> 1996 Jul;13(3):336-42;
A5	Baker SM, et al. "Male mice defective in the DNA mismatch repair gene PMS2 exhibit abnormal chromosome synapsis in meiosis." <i>Cell.</i> 1995 Jul 28;82(2):309-19;
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A7	Edelmann W, et al. "Meiotic pachytene arrest in MLH1-deficient mice". <i>Cell.</i> 1996 Jun 28;85(7):1125-34;
A8	Hollingsworth NM, et al. "MSH5, a novel MutS homolog, facilitates meiotic reciprocal recombination between homologs in <i>Saccharomyces cerevisiae</i> but not mismatch repair." <i>Genes Dev.</i> 1995 Jul 15;9(14):1728-39;
A9	Kolodner R. "Biochemistry and genetics of eukaryotic mismatch repair". <i>Genes Dev.</i> 1996 Jun 15;10(12):1433-42;
A10	Leach FS, et al. "Mutations of a mutS homolog in hereditary nonpolyposis colorectal cancer". <i>Cell.</i> 1993 Dec 17;75(6):1215-25;
A11	Miyaki M, et al. "Germline mutation of MSH6 as the cause of hereditary nonpolyposis colorectal cancer." <i>Nat Genet.</i> 1997 Nov;17(3):271-2;
A12	Modrich P, et al. "Mismatch repair in replication fidelity, genetic recombination, and cancer biology". <i>Annu Rev Biochem.</i> 1996;65:101-33;

Examiner	Date Considered
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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